

## OPERATING INSTRUCTIONS FOR HVLS USER

1. Familiarise yourself with the hydraulic log splitter and its controls.

Wear safety glasses, or helmet visor combination, loose fitting gloves, hearing protection and safety work boots.



2. **ALWAYS** make certain that all control levers are in the disengage position prior to starting the engine.



**DO NOT** allow by-standers near the hydraulic log splitter while in operation. **OPERATING THIS MACHINE IS A SINGLE PERSON OPERATION.**

It is the responsibility of the operator to keep bystanders and animals a minimum of 6 metres (18 feet) away from the hydraulic log splitter while in operation.

3. Open fuel shut off valve, if engine is equipped. Move choke control to **CHOKE** or **START** position. Note: Choke must be fully closed. Move throttle control to **RUN** or **FAST** position. If engine is equipped with rocker style stop switch, push **RUN** or **I** (I = Ignition) before starting. Rewind Starter: Grasp rope handle and pull slowly until resistance is felt to prevent kickback. Then pull cord rapidly to overcome compression and start engine. Repeat if necessary with choke off and throttle control in **FAST** position. Operate engine in fast position.



Typical Throttle & Choke Controls

Stop Switch

4. Place or roll log / wood onto lifting table (**DO NOT EXCEED 250KGS/550LBS**).

5. Lift the log / wood and roll the log / wood between the head stock and the splitting head. **NEVER** have your hands or fingers between the log / wood and the splitting head or head stock.

6. **NEVER** place your hands or fingers between the end of the log / wood and the headstock. (See inside reference photo).

7. Position the log by placing a hand on the top of the log / wood as close to the centre of the log / wood as possible. **NEVER** have your hands or fingers close to the headstock or splitting head while the machine is in operation.

8. **ALWAYS** position the log / wood to split with the grain of the log / wood.

9. When splitting wood always operate the hydraulic log splitter in front of the axle on the hydraulic valve side of the main beam only. Use caution while standing in this position as certain logs / wood can spring back under tension, and exit from the hydraulic log splitter with force.

10. Engage the splitting head control lever until it comes in contact with the log / wood. Slowly ease the splitting head into the log / wood. Do not try to force the split. Once the log / wood is secured between the splitting head and head stock remove your hand from the top centre of the log / wood and proceed to split. **NEVER PLACE YOUR HANDS OR FINGERS AT THE END OF THE LOG / WOOD.**

11. **SPLIT WOOD IN THE DIRECTION OF THE GRAIN ONLY.** Log / Wood to be split should be cut as squarely as possible.

12. **NEVER** attempt to load the hydraulic log splitter when the ram is in motion.

13. **NEVER** straddle or climb over the hydraulic log splitter while in use.



14. **NEVER** insert hands or fingers into the cracks of the log / wood during the splitting procedure.



15. Once the log / wood has been split return the splitting head clear all debris and repeat the procedure

**STOP ENGINE:** Do not move choke control to Choke position to stop engine. Backfire or engine damage may occur. Move throttle control to **SLOW** position, then push rocker switch to O (STOP), or turn key to off if equipped.



Typical Stop Switches

## AFTER USE



Turn fuel tap to "OFF" position  
Allow machine to cool down (minimum 5 minutes)  
Clean with warm soapy water. Ensure no water enters the carburettor.

**safety**  
IS EVERYBODY'S BUSINESS  
**...now**

*You alone know the operational demands and special conditions affecting the equipment in your situation and therefore assume the responsibility for developing, carrying out, and enforcing the safety concepts which apply to your own operation to effect the greatest safety for yourself and the people around you.*

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## SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS



# HVLS HYDRAULIC LOG SPLITTER


 **RED ROO.com**

Commercial Environmental Equipment

Online Demonstration Available at:  
[www.redroo.com/products/logsplitter](http://www.redroo.com/products/logsplitter)

# SAFETY INSTRUCTIONS FOR HVLS USERS

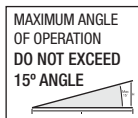
## **USE COMMON SENSE AND PLENTY OF IT OPERATOR MUST BE TRAINED**


1)  **DO NOT** allow any person to operate the hydraulic log splitter without first reading and understanding the owners manual. Also read and understand the engine manual. Know the operating controls and how to stop the machine quickly in an emergency.

2) **NEVER** allow children or untrained adults to operate the hydraulic log splitter


3) **PPE (PERSONAL PROTECTION EQUIPMENT)**     is mandatory before operating this machine. **ALWAYS** wear protective clothing when operating the hydraulic log splitter. This includes, but is not limited to; safety glasses, loose fitting gloves, steel capped boots and hearing protection. Never wear loose fitting clothes or jewelry when operating the hydraulic log splitter. Keep all clothing away from moving parts. Items could become caught in the machine, resulting in injury. 

4) **ALWAYS** operate the hydraulic log splitter in a well-lighted area



5)  **NEVER** operate the hydraulic log splitter on a slippery, wet, muddy, or icy surface. **ALWAYS** keep your work area clear of debris.


6) **NEVER** allow bystanders near the hydraulic log splitter. **OPERATING THIS MACHINE IS A SINGLE PERSON OPERATION.** It is the operator's responsibility to keep bystanders and animals at a minimum of 6 metres (18 ft) away from the hydraulic log splitter while in operation.

7) **NEVER** operate the hydraulic log splitter when fatigued. **ALWAYS BE ALERT!** If you get tired while operating the hydraulic log splitter take a break. If you have any type of physical or mental condition that may be aggravated by strenuous work, check with your physician before you operate this machine. **NEVER** operate the hydraulic log splitter under the influence of medication, alcohol or drugs. 


8) **NEVER** step over the hydraulic log splitter when it is operation – walk around the hydraulic log splitter to get around to the other side.


9)  **NEVER** place your hands or fingers between the end of the log / wood and the headstock. Position the log by placing a hand on the top of the log / wood as close to the centre of the log / wood as possible. **NEVER** have your hands or fingers close to the headstock or splitting head while the machine is in operation. Remove hand completely from the log / wood once the splitting head engages the log / wood.


10) **NEVER** overspeed the engine or alter the governor settings. Excessive speed is dangerous and will shorten engine life

11)  **NEVER** operate the hydraulic log splitter in an enclosed area. Engine exhaust contains carbon monoxide, an odourless and tasteless poison that can kill.



12) **NEVER** leave this machine unattended while the engine is running.

13)  **ALWAYS STOP** the engine immediately if a hydraulic leak occurs. **NEVER** operate this machine with frayed, kinked, cracked or damaged hoses, fittings, or tubing.

14)  **ALWAYS STOP** the engine and disconnect the spark plug lead(s) and allow the engine to cool down (Minimum 5 minutes)

15)  **ALWAYS**



- Turn Off Engine: • Allow Engine To Cool
- Minimum 5 Minutes
- **USE UNLEADED FUEL ONLY**
- Use Clean, fresh unleaded fuel
- Do-Not over-fill fuel tank
- Allow space for fuel expansion
- Allow no naked flame or hot material in refuelling area
- Do not smoke near the log splitter
- Use only approved fuel containers and funnels. Remember, fuel is a potential hazard
- Refer to engine owners manual for full details



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 **"STAY ALERT – DON'T GET HURT"** 



## **HVLS HYDRAULIC LOG SPLITTER OPERATING INSTRUCTIONS**

### TRANSPORT

 **WARNING:** make sure that the hydraulic lifting platform is in the highest position (inside the mudguard) and secured with retaining pin to the headstock before towing. **DO NOT ATTEMPT TO TOW THIS MACHINE WITHOUT THE LIFTING TABLE BEING SECURED TO THE HEADSTOCK IN THE UPRIGHT POSITION.**

**DO NOT** exceed 80kms (50mph) per hour when towing this machine. Make sure that the trailer coupling is secure and lights are operating properly.



**IT IS THE RESPONSIBILITY OF THE INDIVIDUAL TOWING THIS LOGSPLITTER TO MAKE SURE THEY HAVE SECURED THE MACHINE PROPERLY TO THE TOW VEHICLE.**

### BEFORE USE

Perform a thorough and complete visual inspection of the hydraulic log splitter. Always keep your work area clear and free of debris.